S211205

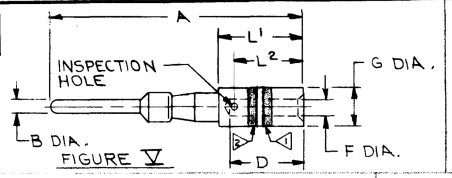
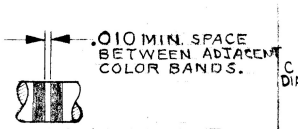


FIGURE V



SPACING REQUIREMENT (FIGURES: I, II, III, IV, V AND VI)

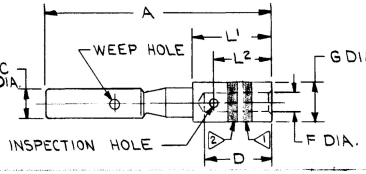


FIGURE VI

REV.	DATE	REVISION DESCRIPTION	BY	C'K'D.
1	12-24-70	SEE REV. REF PRINT SHEET 2 (ECB1291)	RWC	RWC
2	2-8-71	SEE REV. REF PRINT SHTS 1&2 (ECB1341)	PJR	RWC
3	2-22-71	SHEET 1, BLACK STRIP ADDED TO FIG. I + III (ECB1357)	PJB	RWC
4	4-26-71	SEE REV. REF. PRINT, SH. 1 (ECB1399)	RWC	RWC
5	9-20-71	SEE REV. REF. PRINT SHT. 1 (ECB1496)	P.G.P.	RWC
6	30 NOV 72	SEE REV. REF. PRINT (ECB1695)	POP	RWC
7	7-17-72	PLATING TABLE REMOVED (ECB1703)	RWC	RWC
		REVISIONS CONTINUED ON SHEET 2		

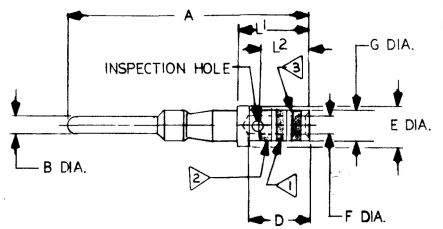


FIGURE I

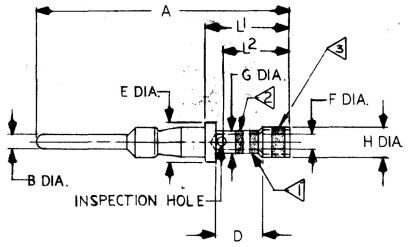


FIGURE II

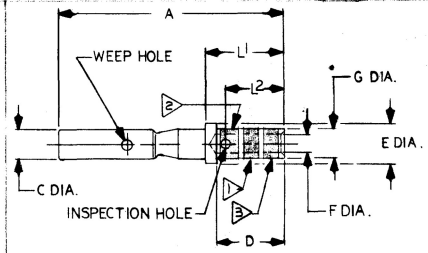


FIGURE III

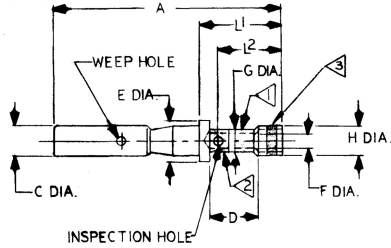


FIGURE IV

	DOUGLAS CONTACT CATALOG NO.	PIN OR SOCKET	MATING END SIZE	MATING END COLOR CODE	WIRE BARREL SIZE	WIRE BARREL COLOR CODE	ACCOMMODATES CONDUCTOR MIN.	ACCOMMODATES CONDUCTOR MAX.	ACCOMMODATES INSULATION MIN. DIA.	ACCOMMODATES INSULATION MAX. DIA	CRIMP TOOL	TOOLING DIE SET	TOOLING STOP BUSHING	TOOLING INSERTION TOOL	TOOLING EXTRACTION TOOL	FIG.	A ±.010	B DIA. ±.001	C DIA.	D STRIP LENGTH	E DIA.	F DIA.	G DIA.	H DIA. ±.001	WEIGHT LBS./M	BURNDY CATALOG NUMBER	L1 ±.002	L2 ±.005
6	~~LRM12Z-5DE5~~	P	~~12~~	~~YELLOW~~	~~12~~	~~YELLOW~~	~~(#14)~~	~~(#12)~~	~~.112~~	~~.146~~		~~S-8~~	~~SL-4~~	~~RTM12-5~~	~~RX12-7~~													
6	~~LRC12Z-5DE5~~	S																										
6	~~LRM16M-5DE5~~	P	~~16~~	~~BLUE~~	~~16~~	~~BLUE~~	~~(#20)~~	~~(#16)~~				~~S-7~~	~~SL-2~~	~~RTM16-2V2~~	~~RX16-7V1~~	~~I~~	~~.905~~	~~.0625~~	—	~~9/32~~	~~.148/.144~~	~~.068/.066~~	~~.105/.101~~		~~1.6~~	~~LRM16M23DE5~~	~~.296~~	~~.220~~
6	~~LRC16M-5DE5~~	S														~~III~~	~~.844~~	—	~~.115/.110~~	~~9/32~~	~~.148/.144~~	~~.068/.066~~	~~.105/.101~~		~~1.7~~	~~LRC16M23DE5~~	~~.296~~	~~.220~~
3	LRM16M-6DE5	P	16	BLUE	16	BLUE	(#20)	(#16)	.074	.110		S-7	SL-2	RTM16-2V2	RX16-8	I	1.093	.0625	—	9/32	148/.144	068/.066	105/.101	—	2.1	LRM16M-6DE5	.296	.220
3	LRC16M-6DE5	S														III	1.091	—	.115/.110	9/32	148/.144	068/.066	105/.101	—	2.2	LRC16M-6DE5	.296	.220
4	LRM16W-2DE5	P	20	RED	16	BLUE	(#20)	(#16)				S-7	SL-44	RTM16-2	RX20-24V3	V	.905	.040	—	9/32	—	068/.066	105/.101	—	.9	LRM16W-2DE5	.296	.220
4	LRC16W-2DE5	S														VI	.844	—	.078/.076	9/32	—	068/.066	105/.101	—	1.0	LRC16W-2DE5	.296	.220
	LRM20M-1DE5	P	16	BLUE	20	RED	(#24)	(#20)				S-6A	SL-64	RTM20-5 OR RTM20-14	RX16-8	II	.915	.0625	—	7/32	148/.144	050/.048	078/.076	.105	1.5	LRM20M-1DE5	.306	.246
	LRC20M-1DE5	S														IV	.854	—	.113/.110	7/32	148/.144	050/.048	078/.076	.105	1.6	LRC20M-1DE5	.306	.246
3	LRM20M-2DE5	P	16	BLUE	20	RED	(#24)	(#20)				S-6A	SL-64	RTM20-5 OR RTM20-14	RX16-8	II	1.103	.0625	—	7/32	148/.144	050/.048	078/.076	.105	2.0	LRM20M-2DE5	.306	.246
3	LRC20M-2DE5	S														IV	1.101	—	.113/.110	7/32	148/.144	050/.048	078/.076	.105	2.1	LRC20M-2DE5	.306	.246
6	~~LRM20W-5DE5~~	P	~~20~~	~~RED~~	~~20~~	~~RED~~	~~(#24)~~	~~(#20)~~		~~.090~~	M10S-1	~~S-6A~~	~~SL-3A~~	~~RTM20-5 OR RTM20-14~~ / ~~RTM20-5~~	~~RX20-24V3~~ / ~~RX20-24V3~~	~~II~~	~~.915~~	~~.040~~	—	~~7/32~~	~~103/.100~~	~~050/.048~~	~~078/.076~~	~~.105~~	~~.8~~	~~LRM20W23DE5~~	~~.306~~	~~.246~~
6	~~LRC20W-5DE5~~	S	~~20~~	~~RED~~	~~20~~	~~RED~~	~~(#24)~~	~~(#20)~~	~~.039~~			~~S-6A~~	~~SL-3A~~	~~RTM20-5 OR RTM20-14~~ / ~~RTM20-5~~	~~RX20-24V3~~ / ~~RX20-24V3~~	~~IV~~	~~.854~~	—	~~.078/.076~~	~~7/32~~	~~103/.100~~	~~050/.048~~	~~078/.076~~	~~.105~~	~~.9~~	~~LRC20W23DE5~~	~~.306~~	~~.246~~
	LRM22M-1DE5	P	16	BLUE	22	GREEN						S-6A	SL-64	RTM16-2	RX16-7	II	.915	.0625	—	7/32	148/.144	038/.036	066/.064	.105	1.7	LRM22M-1DE5	.306	.246
	LRC22M-1DE5	S														IV	.854	—	.113/.110	7/32	148/.144	038/.036	066/.064	.105	1.8	LRC22M-1DE5	.306	.246
3	LRM22M-2DE5	P	16	BLUE	22	GREEN	(#24)	(#22)		.080		S-6A	SL-64	RTM16-2	RX16-8	II	1.103	.0625	—	7/32	148/.144	038/.036	066/.064	.105	1.8	LRM22M-2DE5	.306	.246
3	LRC22M-2DE5	S														IV	1.101	—	.113/.110	7/32	148/.144	038/.036	066/.064	.105	2.2	LRC22M-2DE5	.306	.246

NOTES:
1. DENOTES WIRE BARREL.
2. DENOTES MATING END.
3. BLACK DENOTES 5015 TYPE CONTACT AND IS ONLY APPLICABLE IF 3 APPEARS TO LEFT OF CATALOG NUMBER.

IDENTIFICATION STRIPES IN ACCORDANCE WITH:
MIL-C-23216
MS 3190
MS 3192C
MS 3193B

4. TO ORDER REEL MOUNTED CONTACTS, PRECEDE CONTACT CATALOG NO. WITH "C" - EXAMPLE - CLRC16M-5DE5 INDICATES LRC16M-5DE5 CONTACTS MOUNTED IN REELED CARRY STRIP FOR BANDOMATIC ASSEMBLY.
5. REF. ASTMB33-63 AIRCRAFT WIRE ONLY.
6. FOR NEW CONTACTS REPLACING SUPERSED CONTACTS SEE DWG. SDW1119

PLATING TABLE	
SUFFIX	PLATING
DE5	GOLD OVER COPPER

MATERIAL: BRASS

FSCM NO. 09922

BANTAM PIN AND SOCKET CONTACTS

CAT. NO. LRM/LRC____ (TABLE) SCALE 2=1

DRAWN RJR2 10-29-70 CHECKED RWC 11-6-70

DES. APPROV. 11-13-70 C.R.

PROD. APPROV. 11/13/70

BURNDY NORWALK, CONN. 06852

DRAWING NO. SD71175 REV. 13

SHEET 1 OF 2

FORM D-204-5

DOB-1069

SD71175

REV.	DATE	REVISION DESCRIPTION	BY	C'K'D.
12	11-21-83	SHT. 1, NOTE 3, ADDED "-" AND IS ONLY APPLICABLE IS ▷ APPEARS TO LEFT OF CAT. NO. (DC 11095)	DA	C.B.
13	3/24/88	REMOVED BK FROM DRAWING # MATERIAL: BRASS PER QQ-N-458	DAF	SAF

REV.	DATE	REVISION DESCRIPTION	BY	C'K'D.
—		REVISIONS CONTINUED FROM SHEET 1		
8	3-23-74	SHEET 2, NOTE "A" WAS NOTE "4" NOTE "B" ADDED (ECB1968 & ADD.)	D.L.	P.J.B.
9	4-29-81	SHTS 1 & 2, SEE REV. REF. PRINT. (ECC4269)	L.H.	SFP
10	9-15-81	SHTS. 1 & 2 SEE REV. REF. PRINTS. (DC 10,666)	L.H.	SFP
11	8/3/83	ADDED NOTE 6, SUPERSEDED CAT. NO'S. LRM12Z23DE5, LRC12Z23DE5, LRM16M23DE5 LRC16M23DE5, LRM20W23DE5, LRC20W23DE5 PER ECW1395	S.E.	CEB

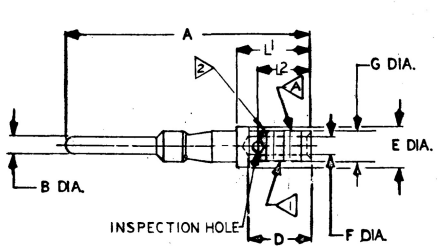


FIGURE I

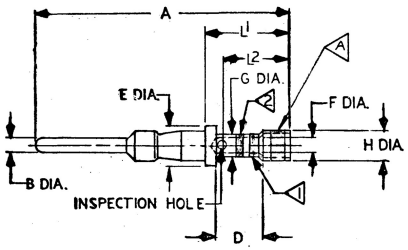


FIGURE II

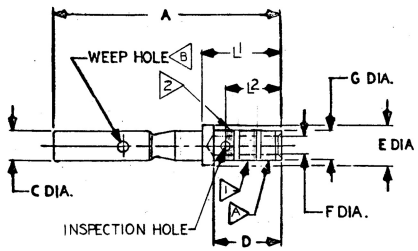


FIGURE III

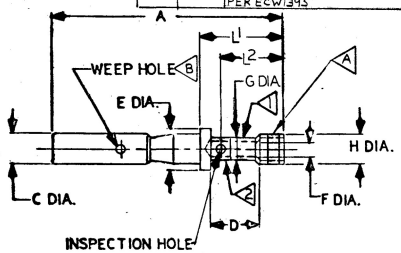


FIGURE IV

CONTACT CATALOG NO.	PIN OR SOCKET	MATING END SIZE	MATING END COLOR CODE ▷	WIRE BARREL SIZE	WIRE BARREL COLOR CODE ◁	ACCOMMODATES MIN.	ACCOMMODATES MAX.	ACCOMMODATES PER	CRIMP TOOL	DIE SET	STOP BUSHING	INSERTION TOOL	EXTRACTION TOOL	FIG.	A ±.010	B DIA. ±.001	C DIA.	D STRIP LENGTH	E DIA.	F DIA. ±.001	G DIA.	H DIA. ±.001	MATERIAL	WEIGHT LBS/M	FINISH	L1 ±.002	L2 ±.005
LRM16M-9	P	16	BLUE	16	BLUE	.038 #20	.057 #16	REGULAR GRADE THERMOCOUPLE WIRE PER MIL-W-5846 TYPE I, CLASS D,E	M10S-1	S7	SL2	RTM16-2	RX16-7	I	.905	.0625	—	9/32	.148/.144	.067	.105/.101	—	ALUMEL	1.7	NONE	.296	.220
LRC16M-9	S													III	.844	—	.113/.110	9/32		.067		—		1.8	NONE	.296	.220
LRM16M-10	P	16	BLUE	16	BLUE	.038 #20	.057 #16							I	.905	.0625	—	9/32		.067		—	CHROMEL	1.7	NONE	.296	.220
LRC16M-10	S													III	.844	—	.113/.110	9/32		.067		—		1.8	NONE	.296	.220
LRM16M-11	P	16	BLUE	16	BLUE	.038 #20	.057 #16	THERMOCOUPLE WIRE PER MIL-W-5845 TYPE I, CLASS D,E						I	.905	.0625	—	9/32		.067		—	IRON	1.4	CAD. PLATE	.296	.220
LRC16M-11	S													III	.844	—	.113/.110	9/32		.067		—		1.5	CAD. PLATE	.296	.220
LRM16M-12	P	16	BLUE	16	BLUE	.038 #20	.057 #16							I	.905	.0625	—	9/32		.067		—	CONSTANTAN	1.7	NONE	.296	.220
LRC16M-12	S													III	.844	—	.113/.110	9/32		.067		—		1.8	NONE	.296	.220
LRM20W-9	P	20	RED	20	RED	.024 #24	.038 #20	REGULAR GRADE THERMOCOUPLE WIRE PER MIL-W-5846 TYPE I, CLASS D,E		S6A	SL-3A	RTM20-5	RX20-24V3	II	.915	.040	—	7/32	.103/.100	.049	.078/.076	.105	ALUMEL	.8	NONE	.306	.246
LRC20W-9	S													IV	.854	—	.078/.076	7/32		.049		.105		.9	NONE	.306	.246
LRM20W-10	P	20	RED	20	RED	.024 #24	.038 #20							II	.915	.040	—	7/32		.049		.105	CHROMEL	.8	NONE	.306	.246
LRC20W-10	S													IV	.854	—	.078/.076	7/32		.049		.105		.9	NONE	.306	.246
LRM20W-11	P	20	RED	20	RED	.024 #24	.038 #20	THERMOCOUPLE WIRE PER MIL-W-5845 TYPE I, CLASS D,E						II	.915	.040	—	7/32		.049		.105	IRON	.7	CAD. PLATE	.306	.246
LRC20W-11	S													IV	.854	—	.078/.076	7/32		.049		.105		.8	CAD. PLATE	.306	.246
LRM20W-12	P	20	RED	20	RED	.024 #24	.038 #20							II	.915	.040	—	7/32		.049		.105	CONSTANTAN	.8	NONE	.306	.246
LRC20W-12	S													IV	.854	—	.078/.076	7/32		.049		.105		.9	NONE	.306	.246

NOTES:

▷ GREEN DENOTES ALUMEL
WHITE DENOTES CHROMEL
YELLOW DENOTES CONSTANTAN
BLACK DENOTES IRON

THERMOCOUPLE CONTACTS ONLY

▷ WEEP HOLE ON LRC16M-11 AND LRC20W-11 ONLY.

▷ CONSULT FACTORY FOR AVAILABILITY.

FSCM NO. 09922

THERMOCOUPLE CONTACTS
BANTAM PIN AND SOCKET CONTACTS
CAT. NO. LRM/LRC____(TABLE)

SCALE

DRAWN RJR2 10-29-70
CHECKED 11-6-70
DES. APPROV. 11/13/70 C.B
PROD. APPROV. 11/13/70

BURNDY NORWALK, CONN. 06852

DRAWING NO. SD71175 REV. 13

SHEET 2 OF 2

FORM D-204-5

DOB-1069